

1/15/2004
Application No. 09/681,986
Petition to withdraw holding of abandonment



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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

5 Applicants: Ting-Chang Chang, Examiner: Powell, William A
Po-Tsun Liu,
Yi-Shien Mor

Filing Date: 07/03/2001

Art Unit: 1765

Application No.: 09/681,986

Docket No.: NAUP0377USA

10

Title: Method of avoiding dielectric layer deterioration
with a low dielectric constant during a stripping
process

15 To: Commissioner for Patents
P.O. BOX 1450
Alexandria, VA 22313-1450

Subject: Petition to withdraw holding of abandonment

20

Appendices including cited documents are attached
following page 5 of this paper.

25

Dear Sir/Madam:

The following is a petition under 37 CFR 1.181(a) to withdraw
the holding of abandonment for the above-identified application,
30 as per MPEP 711.03(c)(II).

On 12/31/2003, the USPTO's PAIR system was utilized to perform a check of the above-identified application. The PAIR system indicated that the present application had become abandoned on 03/28/2003 for failure to pay
5 the issue fee in response to a Notice of Allowance mailed on 11/20/2002. However, a search of the file jacket and docket records attests to the fact that the appropriate permissions and instructions to deduct the issue fee from the applicant's account was sent to the
10 USPTO in a timely response to the Notice of Allowance. Attached to this petition is a copy of the relevant Fee Transmittal form (PTO/SB/17) sent to the USPTO on 01/29/2003 (Appendix A).

15 A copy of the Notice of Allowability (Part of Paper No.3) included with the Notice of Allowance is attached to this petition as Appendix B. It is noted that in the Notice of Allowability, the Examiner has marked the box indicating that new drawings including changes required by the Notice of
20 Draftsperson's Patent Drawing Review (PTO-948) were to be submitted and that the relevant PTO-948 sheet was attached to Paper No.3. However, in the list of Attachments to said Notice of Allowability, the box corresponding to a PTO-948 sheet has not been checked and a copy of said PTO-948 sheet
25 was not included with either said Notice of Allowability or said Notice of Allowance.

Because the PTO-948 sheet was not included with the Notice of Allowability, it was impossible for the applicant to
30 determine what, if any, changes to the drawings were required by the Draftsperson. In an effort to fully cooperate with the

Examiner, a telephone interview was conducted with the Examiner on 01/23/2003 to ascertain what changes to the drawings were required and to request a copy of said PTO-948 sheet be sent to the Applicant. The Examiner responded that a formal request
5 for the PTO-948 sheet must be submitted.

Therefore, a formal request for the said PTO-948 sheet was sent to the Assistant Commissioner of Patents at the USPTO on 01/29/2003. Included in the formal request was a request
10 that the period for reply to the Notice of Allowance be reset accordingly as a critical piece of information was lacking in the originally sent Notice of Allowability (Paper No.3). A copy of said request is attached to this petition as Appendix C.

15

The Applicant has received no response of any kind to the formal request for the alleged missing PTO-948 sheet. Moreover, a Notice of Abandonment for this application was never received.

20 Please see the attached copy of the file docket for the present application (Appendix D). The line with the encircled "1" indicates the Notice of Allowance was received by the Applicant on 12/02/2002. The line with the encircled "2" recognizes the request by the Examiner for new formal drawings.
25 The line with the encircled "3" documents the telephone interview on 01/23/2003 with the Examiner concerning said PTO-948 sheet. The line with the encircled "4" shows that the formal request for the alleged missing PTO-948 sheet was sent to the USPTO on 01/29/2003. The line with the encircled "5"
30 documents that instructions and authorization for payment of the issue fee were also sent to the USPTO on 01/29/2003. The

line with the encircled "6" shows the Applicant's discovery of abandonment on the USPTO's PAIR system on 12/31/2003 and the need for this petition. Clearly, there were no intervening papers from the USPTO from 01/29/2003 to 12/31/2003, and hence
5 the Applicant never received said PTO-948 sheet.

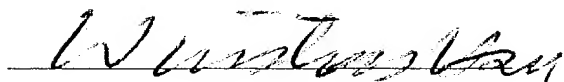
It is noted that the USPTO's PAIR system page for the present application (Appendix E) does not specifically show either the receipt of the issue fee or the formal request for said
10 PTO-948 sheet. However, item numbers 18 and 19 of the same USPTO's PAIR system page do show that two "Miscellaneous Incoming Letter"s were received by the USPTO on 01/29/2003, the same date that the applicant sent the issue fee and request for said PTO-948 sheet. It is unclear to the Applicant exactly
15 what a "Miscellaneous Incoming Letter" indicates. However, it is suggested that the two "Miscellaneous Incoming Letter"s further confirm that the issue fee and the request for said PTO-948 sheet were received by the USPTO and that the Applicant was unavoidably unable to properly respond to the Notice of
20 Allowance because said PTO-948 sheet was never received.

Due to the above, and with regards to MPEP 711.03(c)(II), the Applicant respectfully requests that the holding of abandonment of the present application be withdrawn. Further,
25 the Applicant politely requests that a copy of said PTO-948 sheet be sent to the Applicant and that the period for reply to the Notice of Allowance be reset accordingly so that a proper response may be provided.

30

1/15/2004
Application No. 09/681,986
Petition to withdraw holding of abandonment

Sincerely,



Date: 1/16/2004

5 Winston Hsu, Patent Agent No. 41,526

P.O. BOX 506

Merrifield, VA 22116

U.S.A.

e-mail : winstonhsu@naipo.com.tw

10 (Please contact me by e-mail if you need a telephone
communication and I will return your call promptly.)

15

Attachments: Appendix A Issue Fee
 Appendix B Notice of Allowability
 Appendix C Request for PTO-948 sheet
20 Appendix D File Docket
 Appendix E USPTO PAIR system page

Appendix A

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/681,986	
	Filing Date	07/03/2001	
	First Named Inventor	Ting-Chang Chang	
	Group Art Unit	1765	
	Examiner Name	Powell, William A.	
Total Number of Pages in This Submission	2	Attorney Docket Number	NAUP0377USA

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Missing parts in Notice of Allowability dated 11/20/2002
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	WINSTON HSU
Signature	<i>Winston Hsu</i>
Date	4/29/2003

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: 			
Typed or printed name			
Signature		Date	

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Appendix A

PTO/SB/17 (01-03)
Approved for use through 04/30/2003. OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2003		Complete if Known	
<small>Effective 01/01/2003. Patent fees are subject to annual revision.</small>		Application Number	09/681,986
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Filing Date	07/03/2001
TOTAL AMOUNT OF PAYMENT (\$) 0.00		First Named Inventor	Ting-Chang Chang
		Examiner Name	Powell, William A.
		Art Unit	1765
		Attorney Docket No.	NAUPD377USA

METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)	
<input type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None		3. ADDITIONAL FEES	
<input checked="" type="checkbox"/> Deposit Account:		Large Entity / Small Entity	
Deposit Account Number: 50-0801		Fee Code (\$)	Fee Code (\$)
Deposit Account Name: North America International Patent Office		Fee Description	Fee Paid
Commissioner is authorized to: (check all that apply)		1051 130 2051 65 Surcharge - late filing fee or oath	
<input type="checkbox"/> Charge fee(s) indicated below <input type="checkbox"/> Credit any overpayments		1052 50 2052 25 Surcharge - late provisional filing fee or cover sheet	
<input checked="" type="checkbox"/> Charge any additional fee(s) during the pendency of this application		1053 130 1053 130 Non-English specification	
<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.		1812 2,520 1812 2,520 For filing a request for <i>ex parte</i> reexamination	
FEE CALCULATION		1804 920* 1804 920* Requesting publication of SIR prior to Examiner action	
1. BASIC FILING FEE		1805 1,840* 1805 1,840* Requesting publication of SIR after Examiner action	
Large Entity / Small Entity	Fee Code (\$)	1251 110 2251 55 Extension for reply within first month	
Fee Code (\$)	Fee Code (\$)	1252 410 2252 205 Extension for reply within second month	
Fee Description	Fee Paid	1253 930 2253 465 Extension for reply within third month	
1001 750 2001 375 Utility filing fee		1254 1,450 2254 725 Extension for reply within fourth month	
1002 330 2002 165 Design filing fee		1255 1,970 2255 985 Extension for reply within fifth month	
1003 520 2003 260 Plant filing fee		1401 320 2401 150 Notice of Appeal	
1004 750 2004 375 Reissue filing fee		1402 320 2402 160 Filing a brief in support of an appeal	
1005 160 2005 80 Provisional filing fee		1403 280 2403 140 Request for oral hearing	
SUBTOTAL (1) (\$) 0.00		1451 1,510 1451 1,510 Petition to institute a public use proceeding	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE		1452 110 2452 55 Petition to revive - unavoidable	
Total Claims	Extra Claims	1453 1,300 2453 650 Petition to revive - unintentional	
Independent Claims	Fee from below	1501 1,300 2501 650 Utility issue fee (or reissue)	1600
Multiple Dependent	Fee Paid	1502 470 2502 235 Design issue fee	
		1503 630 2503 315 Plant issue fee	
		1460 130 1460 130 Petitions to the Commissioner	
		1807 50 1807 50 Processing fee under 37 CFR 1.17(q)	
		1806 180 1806 180 Submission of Information Disclosure Stmt	
		8021 40 8021 40 Recording each patent assignment per property (times number of properties)	
		1809 750 2809 375 Filing a submission after final rejection (37 CFR 1.129(a))	
		1810 750 2810 375 For each additional invention to be examined (37 CFR 1.129(b))	
		1801 750 2801 375 Request for Continued Examination (RCE)	
		1802 900 1802 900 Request for expedited examination of a design application	
		Other fee (specify)	
		*Reduced by Basic Filing Fee Paid	
SUBTOTAL (2) (\$) 0.00		SUBTOTAL (3) (\$) 1600.00	
**of number previously paid, if greater; For Reissues, see above			

SUBMITTED BY		(Complete if applicable)	
Name (Print/Type)	Winston Hsu	Registration No. (Attorney/Agent)	41,526
Signature	<i>Winston Hsu</i>	Telephone	866289237350
		Date	09/2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Appendix B

Notice of Allowability	Application No. 09/681,986	Applicant(s) Chang et al	
	Examiner Wm. A. Powell	Art Unit 1765	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--
All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance and Issue Fee Due or other appropriate communication will be mailed in due course. THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Jul. 03, 2001.
2. ☒ The allowed claim(s) is/are 1-17.
3. ☐ The drawings filed on _____ are acceptable as formal drawings.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
* Certified copies not received: _____
5. ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e).

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. THIS THREE-MONTH PERIOD IS NOT EXTENDABLE FOR SUBMITTING NEW FORMAL DRAWINGS, OR A SUBSTITUTE OATH OR DECLARATION. This three-month period for complying with the REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL is extendable under 37 CFR 1.138(a).

6. ☐ Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient. A SUBSTITUTE OATH OR DECLARATION IS REQUIRED.

7. ☒ Applicant MUST submit NEW FORMAL DRAWINGS

- (a) ☒ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
1) ☒ hereto or 2) ☒ to Paper No. 3
- (b) ☐ including changes required by the proposed drawing correction filed _____, which has been approved by the examiner.
- (c) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No. _____

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

8. ☐ Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Any reply to this letter should include, in the upper right hand corner, the APPLICATION NUMBER (SERIES CODE / SERIAL NUMBER). If applicant has received a Notice of Allowance and Issue Fee Due, the ISSUE BATCH NUMBER and DATE of the NOTICE OF ALLOWANCE should also be included.

Attachment(s)

- | | |
|--|--|
| <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | <input type="checkbox"/> Interview Summary (PTO-413), Paper No. _____ |
| <input type="checkbox"/> Information Disclosure Statements (PTO-1449), Paper No. _____ | <input type="checkbox"/> Examiner's Amendment/Comment |
| <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material | <input type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | <input type="checkbox"/> Other |

(10) 709-308-1978
(P) 703-872-9311
872-9310
William A. Powell
WILLIAM A. POWELL
PRIMARY EXAMINER

Appendix C

PTO/SB/21 (08-00)

Approved for use through 10/31/2002 OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/681,986	
	Filing Date	07/03/2001	
	First Named Inventor	Ting-Chang Chang	
	Group Art Unit	1765	
	Examiner Name	Powell, William A.	
Total Number of Pages in This Submission	4	Attorney Docket Number	NAUP0377USA

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	Missing parts in Notice of Allowability dated 11/20/2002
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	The Request has been sent to examiner by fax on 2003/1/29.	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	WINSTON HSU
Signature	<i>Winston Hsu</i>
Date	1/29/2003

CERTIFICATE OF MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: _____	
Typed or printed name	_____
Signature	_____
Date	_____

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Appendix C

PTO/SB/17 (01-03)
Approved for use through 04/30/2003. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2003 <small>Effective 01/01/2003. Patent fees are subject to annual revision.</small>		Complete if Known	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Application Number	09/681,986
TOTAL AMOUNT OF PAYMENT (\$)		Filing Date	07/03/2001
(\$)		First Named Inventor	Ting-Chang Chang
0.00		Examiner Name	Powell, William A.
		Art Unit	1765
		Attorney Docket No.	NAUP0377USA

METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)	
<input type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None		3. ADDITIONAL FEES	
<input checked="" type="checkbox"/> Deposit Account: Deposit Account Number: 50-0801 Deposit Account Name: North America International Patent Office		Large Entity Small Entity	
<input checked="" type="checkbox"/> Charge fee(s) indicated below <input type="checkbox"/> Credit any overpayments		Fee Code Fee (\$) Fee Code Fee (\$) Fee Description Fee Paid	
<input checked="" type="checkbox"/> Charge any additional fee(s) during the pendency of this application		1051 130 2051 65 Surcharge - late filing fee or oath	
<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.		1052 50 2052 25 Surcharge - late provisional filing fee or cover sheet	
FEE CALCULATION		1053 130 1053 130 Non-English specification	
1. BASIC FILING FEE		1812 2,520 1812 2,520 For filing a request for <i>ex parte</i> reexamination	
Large Entity Small Entity		1804 920* 1804 920* Requesting publication of SIR prior to Examiner action	
Fee Code Fee (\$) Fee Code Fee (\$) Fee Description Fee Paid		1805 1,840* 1805 1,840* Requesting publication of SIR after Examiner action	
1001 750 2001 375 Utility filing fee		1251 110 2251 55 Extension for reply within first month	
1002 330 2002 165 Design filing fee		1252 410 2252 205 Extension for reply within second month	
1003 520 2003 260 Plant filing fee		1253 930 2253 465 Extension for reply within third month	
1004 750 2004 375 Reissue filing fee		1254 1,450 2254 725 Extension for reply within fourth month	
1005 160 2005 80 Provisional filing fee		1255 1,970 2255 985 Extension for reply within fifth month	
SUBTOTAL (1) (\$)		1401 320 2401 160 Notice of Appeal	
0.00		1402 320 2402 160 Filing a brief in support of an appeal	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE		1403 280 2403 140 Request for oral hearing	
Extra Claims Fee from below Fee Paid		1451 1,510 1451 1,510 Petition to institute a public use proceeding	
Total Claims <input type="checkbox"/> -20** = <input type="checkbox"/> X <input type="checkbox"/>		1452 110 2452 55 Petition to revive - unavoidable	
Independent Claims <input type="checkbox"/> -3** = <input type="checkbox"/> X <input type="checkbox"/>		1453 1,300 2453 650 Petition to revive - unintentional	
Multiple Dependent <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 10.00		1501 1,300 2501 650 Utility issue fee (or reissue)	
Large Entity Small Entity		1502 470 2502 235 Design issue fee	
Fee Code Fee (\$) Fee Code Fee (\$) Fee Description Fee Paid		1503 630 2503 315 Plant issue fee	
1202 18 2202 9 Claims in excess of 20		1460 130 1460 130 Petitions to the Commissioner	
1201 84 2201 42 Independent claims in excess of 3		1807 50 1807 50 Processing fee under 37 CFR 1.17(a)	
1203 280 2203 140 Multiple dependent claim, if not paid		1806 180 1806 180 Submission of Information Disclosure Stmt	
1204 84 2204 42 ** Reissue independent claims over original patent		8021 40 8021 40 Recording each patent assignment per property (times number of properties)	
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent		1809 750 2809 375 Filing a submission after final rejection (37 CFR 1.129(a))	
SUBTOTAL (2) (\$)		1810 750 2810 375 For each additional invention to be examined (37 CFR 1.129(b))	
0.00		1801 750 2801 375 Request for Continued Examination (RCE)	
3. ADDITIONAL FEES		1802 900 1802 900 Request for expedited examination of a design application	
Large Entity Small Entity		Other fee (specify) _____	
Fee Code Fee (\$) Fee Code Fee (\$) Fee Description Fee Paid		SUBTOTAL (3) (\$)	
1202 18 2202 9 Claims in excess of 20		0.00	
1201 84 2201 42 Independent claims in excess of 3			
1203 280 2203 140 Multiple dependent claim, if not paid			
1204 84 2204 42 ** Reissue independent claims over original patent			
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent			
SUBTOTAL (2) (\$)			
0.00			
4. OTHER FEES			
Large Entity Small Entity			
Fee Code Fee (\$) Fee Code Fee (\$) Fee Description Fee Paid			
1202 18 2202 9 Claims in excess of 20			
1201 84 2201 42 Independent claims in excess of 3			
1203 280 2203 140 Multiple dependent claim, if not paid			
1204 84 2204 42 ** Reissue independent claims over original patent			
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent			
SUBTOTAL (2) (\$)			
0.00			
5. OTHER FEES			
Large Entity Small Entity			
Fee Code Fee (\$) Fee Code Fee (\$) Fee Description Fee Paid			
1202 18 2202 9 Claims in excess of 20			
1201 84 2201 42 Independent claims in excess of 3			
1203 280 2203 140 Multiple dependent claim, if not paid			
1204 84 2204 42 ** Reissue independent claims over original patent			
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent			
SUBTOTAL (2) (\$)			
0.00			
6. OTHER FEES			
Large Entity Small Entity			
Fee Code Fee (\$) Fee Code Fee (\$) Fee Description Fee Paid			
1202 18 2202 9 Claims in excess of 20			
1201 84 2201 42 Independent claims in excess of 3			
1203 280 2203 140 Multiple dependent claim, if not paid			
1204 84 2204 42 ** Reissue independent claims over original patent			
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent			
SUBTOTAL (2) (\$)			
0.00			
7. OTHER FEES			
Large Entity Small Entity			
Fee Code Fee (\$) Fee Code Fee (\$) Fee Description Fee Paid			
1202 18 2202 9 Claims in excess of 20			
1201 84 2201 42 Independent claims in excess of 3			
1203 280 2203 140 Multiple dependent claim, if not paid			
1204 84 2204 42 ** Reissue independent claims over original patent			
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent			
SUBTOTAL (2) (\$)			
0.00			
8. OTHER FEES			
Large Entity Small Entity			
Fee Code Fee (\$) Fee Code Fee (\$) Fee Description Fee Paid			
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1201 84 2201 42 Independent claims in excess of 3			
1203 280 2203 140 Multiple dependent claim, if not paid			
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SUBTOTAL (2) (\$)			
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Fee Code Fee (\$) Fee Code Fee (\$) Fee Description Fee Paid			
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SUBTOTAL (2) (\$)			
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

5 Applicant: Ting-Chang Chang Examiner: Powell, William
Po-Tsun Liu
Yi-Shien Mor
Filing Date: 07/03/2001 Art Unit: 1765
App. No.: 09/681,986 Docket No.: NAUP0377USA

10

Title: Method of avoiding dielectric layer deterioration
with a low dielectric constant during a stripping
process

15 To: Assistant Commissioner of Patents
Washington, D.C. 20231

Subject: Missing parts in Notice of Allowability dated
11/20/2002

20

Dear Sir or Madame:

A Notice of Allowability was mailed on 11/20/2002,
indicating acceptance of claims 1-17 in the above-indicated
25 application. However, the Notice of Allowability also indicated
that new formal drawings must be submitted in response to a
Draftperson's Patent Drawing Review (PTO-948), which was
allegedly attached with the Notice of Allowability (part of
paper No. 3). Unfortunately, the PTO-948 sheet was not actually
30 attached with paper No. 3, and so the Applicant is currently
unable to respond to the objections purportedly raised in the
PTO-948 paper.



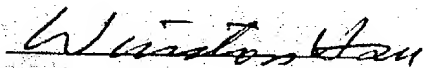
On January 23, 2003, a telephone interview was held with the Examiner requesting information about the missing PTO-948 so as to be able to respond with the appropriate corrected
5 drawings. The Examiner responded that a formal request for the PTO-948 sheet must be submitted.

In light of the above, it is requested that the Draftperson's Patent Drawing Review sheet PTO-948 be sent to the Applicant,
10 and that the period for reply be accordingly reset as this critical piece of information was lacking from the originally sent Notice of Allowability. Once the PTO-948 sheet is received, the Applicant will be able to properly respond with corrected drawings.

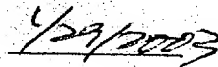
15

Sincerely yours,

20



Date:



Winston Hsu, Patent Agent No. 41,526

P.O. BOX 506

Merrifield, VA 22116

25 U.S.A.

e-mail: winstonhsu@naipo.com.tw

PAGE 1

本所案號: NAU-2001-0012 名稱: Method of avoiding dielectric layer deterioration with a low dielectric constant during a stripping process.
客戶案號: 09/681,986 申請日期: 9/3/01 專利日期: _____
發明人: 張鼎強 劉柏村 廖小利

文件編號	階段	績效編號	日期	記錄人	項目	摘要
1		EOE	03/07/01	Amanda	Form 800	新 單
1			3/27	Karen		Claim trans.
2			3/27	Mike		claim trans. Edit
3			4/10	Karen		spec. translation
4			4/17	Conn		spec trans edit
			4/30/01	Zrene	To 張鼎強	確認內容
			5/4/01	Zrene	To 賴國威	改稿
			5/21/01	Zrene	To 張鼎強	確認內容
			6/18/01	"	To "	改稿可至 14
			7/4	Ami	To PTO	送 P
			8/1	"	Ami	along receipt
			8/21	"	"	Keandre
			8/26/02	To PTO	Melissa	usa priority x 1
			11/28	"	From PTO	收到 "
→ ①			12/1/02	Nicole	From PTO	(deadline: 2003/12/20) allowance fee notice
→ ②			1/22/03	N.	From Nam.	要補圖 due 1/23
			1/23/03	1/22	To: Mike	領到前補圖 due 1/28
→ ③			1/24/03	"	To: 潘德武	建議田+el interview 說明
→ ④			1/29/03	Mike		Request to PTO-948
→ ⑤			"	雅	To PTO	" " " pay fee

案件的第一個階段及相關文件的產生及出入均應詳實記載。

NPO-PIA074-02

1/7/01 0 報 From PTO Warno f AREL/kam of

PAGE 2

客戶案號: MMCD-2001-0012

國外案號: _____

專利案號: _____ 申請日期: _____ 專利日期: _____

發明人: _____ 國別: _____

☐否不主張 ☐是,主張優先權_____ 日期:_____

[illegible]

案件的每一個階段及相關文件的產生及出入均應詳實記載。

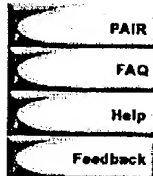
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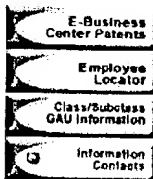
United States Patent and Trademark Office

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PATENT APPLICATION INFORMATION RETRIEVAL



Other Links



Search results for application number: 09/681,986			
Application Number:	09/681,986	Customer Number:	27765
Filing or 371(c) Date:	07-03-2001	Status:	Abandoned - Pay Issue Fee
Application Type:	Utility	Status Date:	03-28-2003
Examiner Name:	POWELL, WILLIAM A	Location:	TECH CENTE DIRECTOR 2
Group Art Unit:	1765	Location Date:	10-20-2003
Confirmation Number:	1164	Earliest Publication No:	US 2003-001
Attorney Docket Number:	NAUP0377USA	Earliest Publication Date:	01-16-2003
Class/ Sub-Class:	438/723	Patent Number:	-
First Named Inventor:	Ting-Chang Chang, Hsin-Chu City, (TW)	Issue Date of Patent:	-
Title Of Invention:	METHOD OF AVOIDING DIELECTRIC LAYER DETERIOATION LOW DIELECTRIC CONSTANT DURING A STRIPPING PROC		

PTA History

Foreign Priority

Continuity Data

File Contents History		
Number	Date	Contents Description
21	03-28-2003	Mail Abandonment for Failure to Pay Issue Fee
20	03-28-2003	Abandonment for Failure to Pay Issue Fee
19	01-29-2003	Miscellaneous Incoming Letter
18	01-29-2003	Miscellaneous Incoming Letter
17	12-27-2002	Receipt into Pubs
16	11-22-2002	Workflow - File Sent to Contractor
15	11-21-2002	Receipt into Pubs
14	11-20-2002	Dispatch to Publications
13	11-20-2002	Mail Notice of Allowance
12	11-20-2002	Mail Formal Drawings Required
11	11-18-2002	Formal Drawings Required
10	11-18-2002	Notice of Allowance Data Verification Completed
9	11-18-2002	Case Docketed to Examiner in GAU
8	11-18-2002	Notice of Allowability
7	11-01-2001	Case Docketed to Examiner in GAU
6	07-23-2001	Case Docketed to Examiner in GAU
5	07-18-2001	Application Dispatched from OIPE
4	07-16-2001	Correspondence Address Change
3	07-11-2001	IFW Scan & PACR Auto Security Review
2	07-03-2001	Electronic Filing of Original Application Papers
1	07-03-2001	Initial Exam Team nn